ONKYO®



www.intl.onkyo.com

Dynamic Audio Amplification

Perfected over 70 years, our original high-current amplification system captures the energy and dynamics of the recording and reproduces it without loss. Dynamic Audio Amplification is achieved with three key technologies:

Hi-Current Amp Design

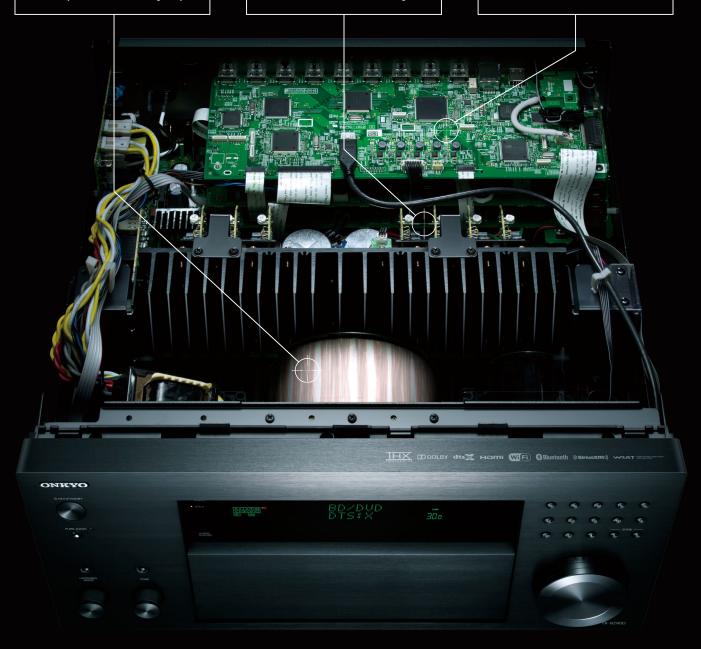
High Instantaneous Current Capability (HICC) is made possible with custom transformers and capacitors that deliver a higher current flow than competitive products. High current accurately controls the speaker drivers for outstanding transient response, rhythmic timing, wide dynamics, and breathtaking clarity.

Non-Phase-Shift Amp

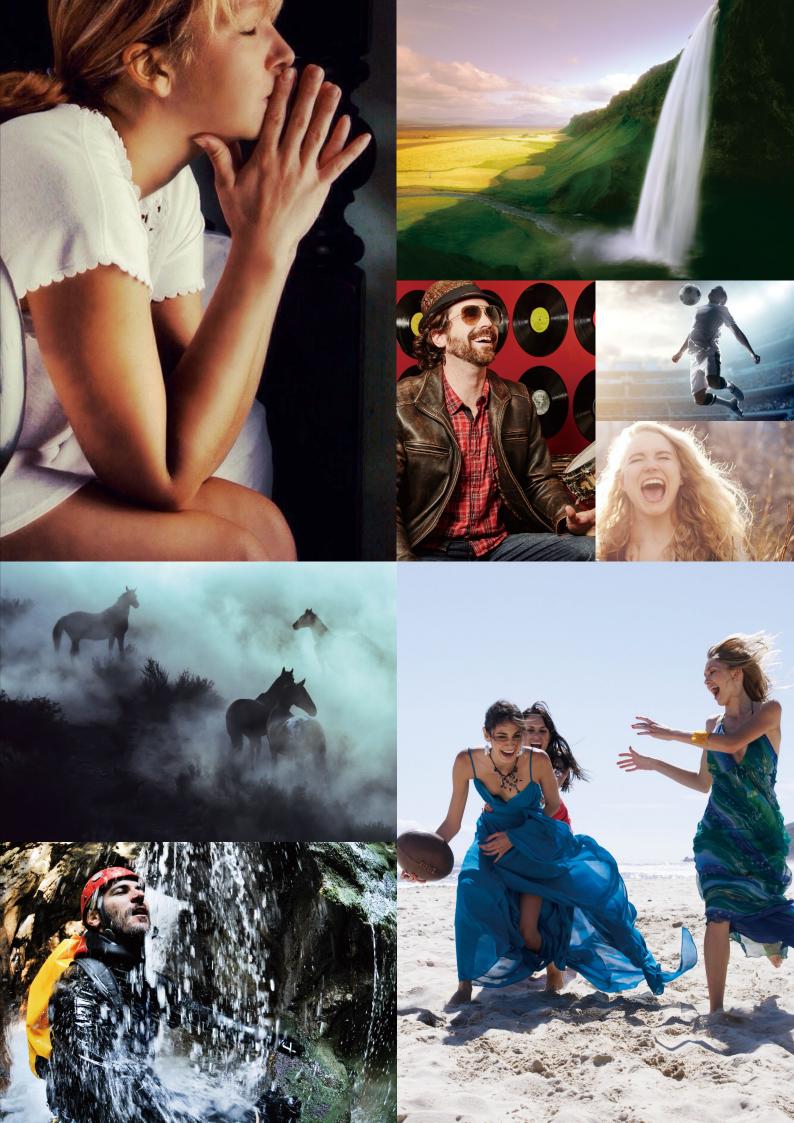
Wide Range Amp Technology (WRAT) prevents phase shifting by pushing the roll-off point higher than the listening-level frequency. Eliminating phase shift during amplification allows the speakers to produce an exceptionally well-focused and realistic audio image.

VLSCTM

Vector Linear Shaping Circuitry (VLSC) removes digital pulse noise generated during digital-to-analog conversion by comparing the input and output signal and reshaping it to its original form. The result is transparent reproduction of the subtlest details and textures.



Hear Every Detail, Feel Every Emotion



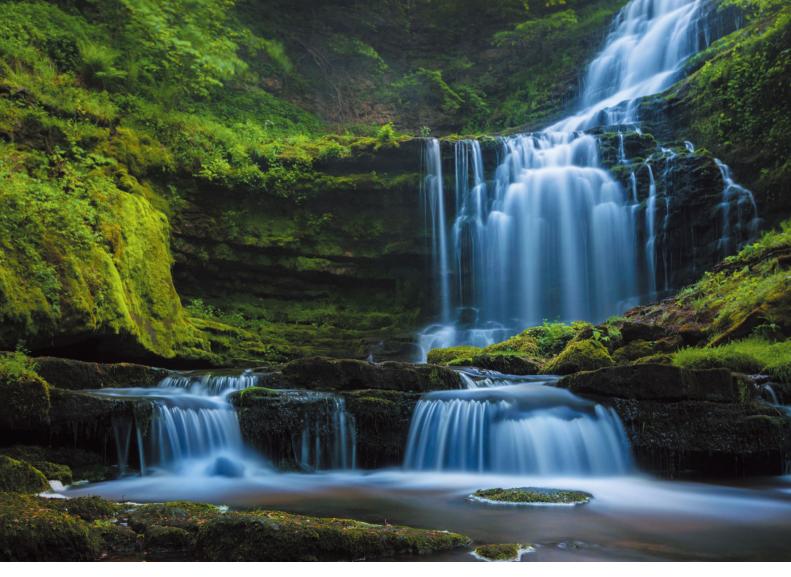


Let Imagination Take Flight Fully Interactive Object-Based Audio



 $\label{eq:def:DTS:X} \begin{tabular}{ll} DTS:X^{\tiny{TM}} & unbinds sound from traditional channels and allows it to move seamlessly from speaker to speaker above and around the audience, immersing you in the heart of the film. \\ \end{tabular}$







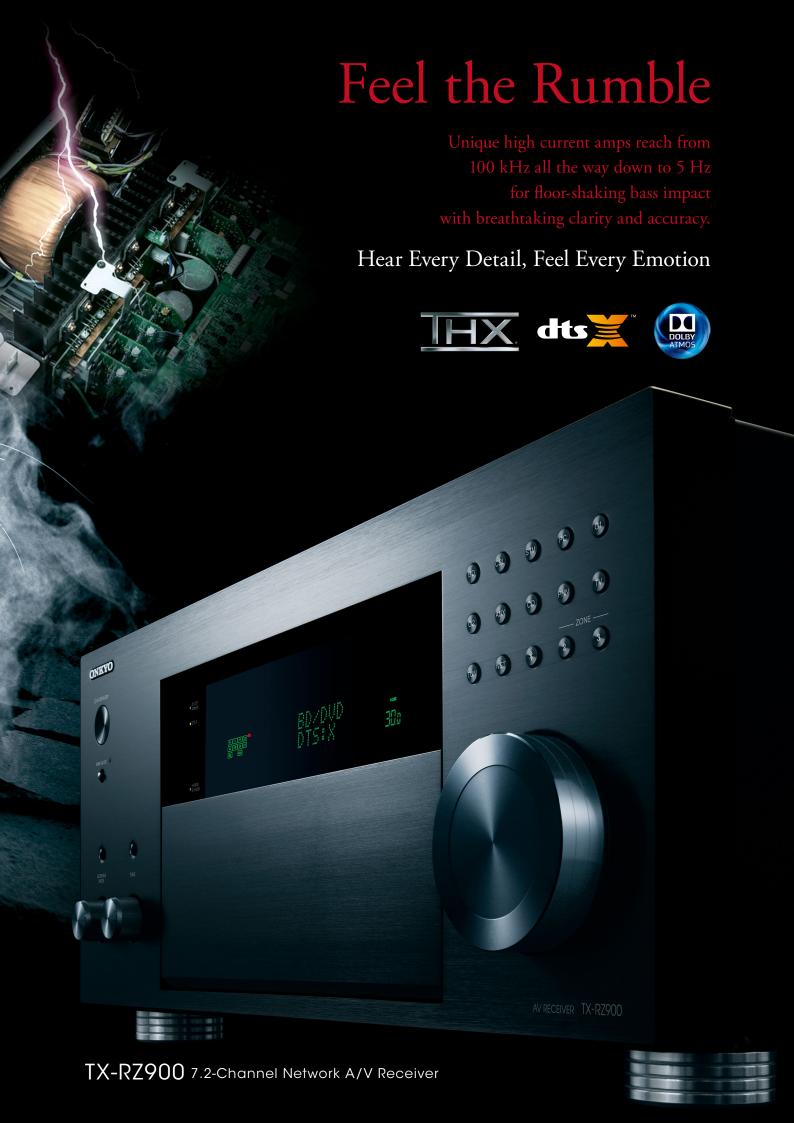
Welcome to the Future A New Dimension in Movie Sound

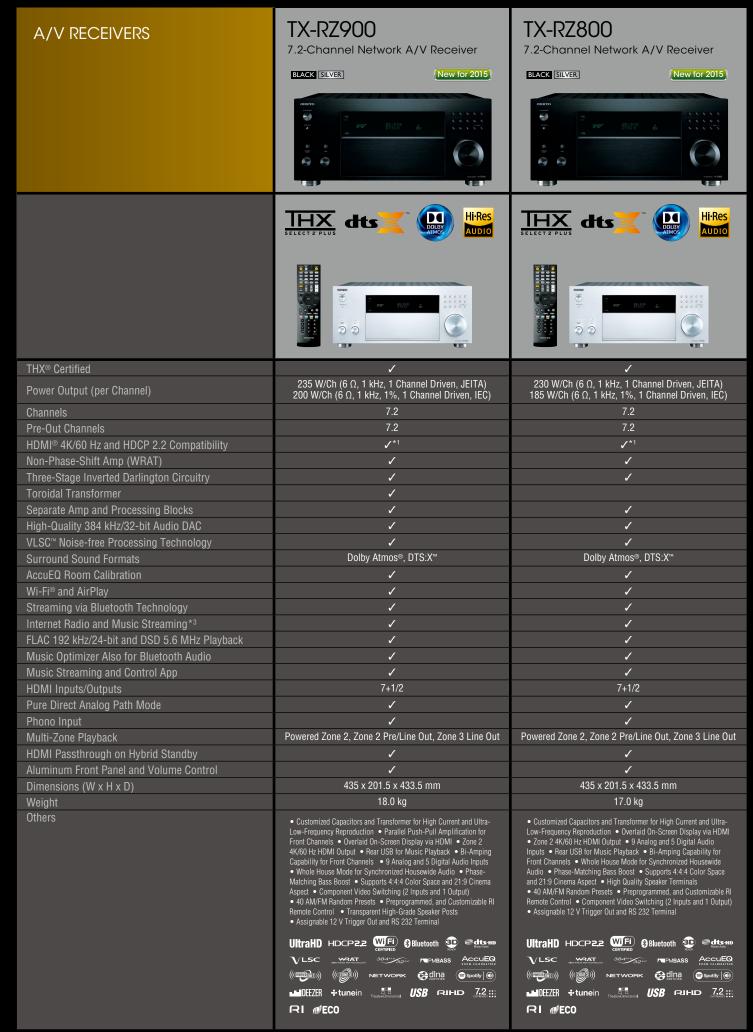
With Dolby Atmos®, sound is free to flow around you in multidimensional space. Move from observer to participant and join your favorite characters in a living sphere of sound.





TX-RZ800 7.2-Channel Network A/V Receiver





TX-NR747 TX-NR646 7.2-Channel Network A/V Receiver 7.2-Channel Network A/V Receiver BLACK SILVER New for 2015 BLACK SILVER New for 2015 Hi-Res Hi-Res AUDIO AUDIO 185 W/Ch (6 Ω , 1 kHz, 1 Channel Driven, JEITA) 175 W/Ch (6 Ω , 1 kHz, 1%, 1 Channel Driven, IEC) 175 W/Ch (6 Ω , 1 kHz, 1 Channel Driven, JEITA) 160 W/Ch (6 Ω , 1 kHz, 1%, 1 Channel Driven, IEC) 7.2 7.2 0.2 0.2 **√***2 **√***2 Dolby Atmos®, DTS:X™ Dolby Atmos®, DTS:X™ 7+1/2 Powered Zone 2, Zone 2 Line Out Powered Zone 2, Zone 2 Line Out 435 x 175 x 379 mm 435 x 173.5 x 329 mm 11.5 kg 9.4 kg H.C.P.S. (High Current Power Supply) Massive High Power Transformer Hi-Current Amp Design for Authentic Sound Reproduction 32-bit Digital Signal Processing Engines Phase-Matching Bass Boost Overlaid On-Screen Display via HDMI Rear USB for Music Playback Supports 4:4:4 Color Space and 21:9 Cinema Aspect Sipports 4:4:4 Color Space and 21:9 Cinema Aspect Sipports 4:4:5 Control Space and 21:5 Cinema Aspect Sipports 4:4:5 Cine H.C.P.S. (High Current Power Supply) Massive High Power Transformer Hi-Current Amp Design for Authentic Sound Reproduction 32-bit Digital Signal Processing Engines Phase-Matching Bass Boost Smart Grid-ready Rear USB for Music Playback Pure Audio Mode Supports 4:4:4 Color Space and 21:9 Cinema Aspect Bi-Amping Capability for Front Channels Control and Stream with Free Onkyo Remote Streaming App Theater-Dimensional Virtual Surround Function 40 AW/FM Random Presets Preprogrammed RI (Remote Interactive) Remote Control UltraHD HDCP2.2 WiFi ⊗Bluetooth 😎 🙈 dts.+10 UltraHD HDCP2.2 WiFi &Bluetooth @ @dts+10 PUPMBASS ACCUEQ (((IIIII))) Spotify 6 **a**dlna Spotify 0

÷tunein USB RIFID RI #ECO

÷tunein USB RI #ECO

FRONT OPEN AND REAR PANEL



TX-NR545 TX-SR444 A/V RECEIVERS 7.2-Channel Network A/V Receiver 7.1-Channel A/V Receiver BLACK SILVER BLACK SILVER New for 2015 New for 2015 Hi-Res 4K UltraHD 4K UltraHD AUDIO 120 W/Ch (6 Ω , 1 kHz, 1%, 1 Channel Driven, JEITA) 100 W/Ch (6 Ω 1 kHz, 1%, 1 Channel Driven, IEC) 120 W/Ch (6 Ω , 1 kHz, 1%, 1 Channel Driven, JEITA) 100 W/Ch (6 Ω , 1 kHz, 1%, 1 Channel Driven, IEC) Power Output (per Channel) 7.2 **Pre-Out Channels** 0.1 HDMI® 4K/60 Hz 1 1 HDCP 2.2 Compatibility 3D Ready Non-Phase-Shift Amp (WRAT) **Surround Sound Formats** Dolby Atmos®, Dolby® TrueHD, DTS-HD Master Audio™ Dolby Atmos®, Dolby® TrueHD, DTS-HD Master Audio™ AccuEQ Room Calibration Streaming via Bluetooth Technology Internet Radio and Music Streaming*2 FLAC 192 kHz/24-bit and DSD Playback Music Optimizer Also for Bluetooth Audio Music Streaming and Control App HDMI Inputs/Outputs 6/1 AirPlav Phase-Matching Bass Boost Multi-Zone Playback Powered Zone 2, Zone 2 Line Out Zone B Output HDMI Passthrough on Hybrid Standby 1 On-Screen Display via HDMI Text Text **USB Ports** 1 Rear 1 Rear (Power Supply Only) High-Quality 384 kHz/32-bit Audio DAC 1 Dimensions (W x H x D) 435 x 173.5 x 329 mm 435 x 160 x 328 mm Weight 8.6 kg 8.0 kg • H.C.P.S. (High Current Power Supply) Massive High Power Transformer • Hi-Current Amp Design for Authentic Sound Reproduction • Rear USB for Music Playback • Pure Audio Mode • Supports 4:4:4 Color Space and 21:9 Cinema Aspect • 8 Analog Audio Inputs and 3 Digital Audio Inputs • Analog Video Upconversion App • Theater-Dimensional Virtual Surround Function • 40 AM/FM Random Presets • Preprogrammed RI (Remote Interactive) Remote Control Audio • 40 AM/FM Random Presets • Analog Video Upconversion to HDMI • Easy Configuration Rear Panel • PLL (Phase Locked Loop) Jitter-Cleaning Circuit Technology for S/PDIF Audio UltraHD HDCP22 WiFi &Bluetooth & dts+10 UltraHD HDCP2.2 & Bluetooth @ dts-np 1921/24 ACCUEQ (((III))) PMPMBASS ACCUEQ Theoretical RIFLD RI (((1997))) NETWORK Calling Spotify (1997) ÷tunein . USB RIFID RI #ECO



REAR PANEL

Core Technology

Hi-Grade 32-bit DACs from Asahi Kasei

Premium 32-bit D/A converters unlock the full potential of any audio format with unique lowdistortion filtering technologies guaranteeing transparent reproduction of any audio source.



Latest HDMI® Spec is Ready for the Future

Enjoy streamed or broadcast 4K/60 Hz video with the latest HDCP 2.2-compliant HDMI terminals supporting 4:4:4 color space and 21:9 cinema aspect ratio.

HDCP2.2 UltraHD

Experience DSD and 192/24 Hi-Res Audio

Onkyo A/V receivers are engineered for universal Hi-Res Audio decoding including the popular 192/24 FLAC and 5.6 MHz DSD formats. Unlock the full potential of next-generation audio with convenient smartphone app control.



AccuEQ Room Acoustic Calibration

AccuEQ measures and corrects output, crossovers, and frequency response to suit your speaker layout and room acoustics, eliminating standing waves and ensuring clear and balanced surround-sound.



THX® Theater-Reference Sound

THX certification on select products guarantees high theater-reference volume in your listening space. Experience movies exactly as the director intended with Onkyo and THX.







H.C.P.S. (High Current Power Supply) Massive High Power Transformer
 Discrete Output Stage Circuitry
 Theater-Dimensional Virtual Surround Function
 STRM Box Port (Rear) for Powering Media Streaming Sticks
 7 Analog Audio Inputs and 3 Digital Audio Inputs
 4 DSP Modes for Gaming
 Tone Controls for Front L/R Channels
 Crossover Adjustment for Each Channel
 40 AM/FM Random Presets
 Analog Video Upconversion to HDMI
 Easy Configuration Rear Panel
 PLL (Phase Locked Loop)
 Jitter-Cleaning Circuit Technology for SPDIF Audio

Jitter-Cleaning Circuit Technology for S/PDIF Audio









TX-SR444





TX-SR343







TX-NR3030

11.2-Channel Network A/V Receiver







9.2-Channel Network A/V Receiver















• 230 W/Ch (6 Ω , 1 kHz, 1 Channel Driven, JEITA) • Supports Dolby Atmos® Format for Exhilarating Multiplex Surround-Sound • THX® Select2 $^{\infty}$ Plus Certified • DTS Neo:X $^{\infty}$ Upmixing and Surround Modes • Three Separate Transformers for Amplification, Audio, and Video Processing • Separate Processing and Amplification Block Construction with Aluminum Heat Sink • 4K/60 Hz-Capable HDMI® Terminals for UltraHD Entertainment • Supports HDCP 2.2*1 Copy Protection • 7 x TI Burr-Brown 192 kHz/32-bit Two-Channel D/A Converters

BLACK SILVER











• 230 W/Ch (6 Ω , I kHz, I Channel Driven, JEITA) • Supports Dolby Atmos® Format for Exhilarating Multiplex Surround-Sound • THX® Select2™ Plus Certified • Separate Processing and Amplification Block Construction with Aluminum Heat Sink • DTS Neo:X™ Upmixing and Surround Modes • ISF (Imaging Science Foundation) Video Calibration • 4K/60 Hz-Capable HDMI® Terminals for UltraHD Entertainment • Supports HDCP 2.2* Copy Protection • Pure Direct Analog Path Mode for Interference-Free Hi-Fi Stereo Listening • Zone 2 HDMI for HD Video in a Second Room

PR-SC5530

BLACK

11.2-Channel Network A/V Controller















 Supports Dolby Atmos® Format for Exhilarating Multiplex Surround-Sound • THX® Ultra2™ Audio-Grade 18 mm-pitch RCA Pre-Outs (Front L/R), and 11.4 Multichannel Pre-Outs

AccuEQ Room Calibration with Mic for Clear and Balanced Sound

PA-MC5501

9-Channel Amplifier





BLACK





WRAT

 280 W/Ch (6 Ω, I kHz, I Channel Driven, [EITA)
 THX® Ultra2™ Certified
 Push-Pull Amplification Design with Three-Stage Inverted Darlington Circuitry • Massive Toroidal Transformer • Two Large, Customized 22,000 µF Capacitors for Effective Power Supply • Large, Custom-Designed Power Transistors • Flat, High-Rigidity, Anti-Resonant Chassis • Gold-Plated XLR Inputs and Speaker Posts

TX-SR252

5.1-Channel A/V Receiver



BLACK





• 120 W/Ch (6 Ω , I kHz, I Channel Driven, JEITA) • 4K/60 Hz, 4:4:4 Color Space, and HDCP 2.2-Capable HDMI® Terminals for UltraHD Entertainment (4 In / I Out) • Dolby® TrueHD and DTS-HD Master Audio™ Decoding • Discrete Output Stage Circuitry • 192 kHz/24-bit DAC for All Channels • SACD Playback via HDMI (2.8 MHz, 2 Channels) • USB Port (Front) for Music Playback via Flash Drive • Easily Configured Rear Panel • 3 Analog Audio Inputs and 2 Digital Audio Inputs

BD-SP809

Blu-ray Disc Player











- THX® Certified 2 HDMI® Outputs 1080p Upscaling of Standard Video Sources with Qdeo™ Technology Precision Clock for Optimal Timing of Digital Signals
- Ethernet Port for BD-Live, Firmware Updates, and Media Streaming via Home Network
 Independent Circuit Blocks for Audio, Digital Video, and Analog Video to Reduce

$HT\text{-}S9700THX \ \, \textit{7.1-Channel Network A/V Receiver/Speaker Package}$



BLACK

BLACK









HT-R993 7.2-Channel Network A/V Receiver

• 175 W/Ch (6 Ω , 1 kHz, 1 Channel Driven, JEITA) • THX® I/S Plus[™] Certified for Theater-Reference Sound • Supports Dolby Atmos® Format for Exciting Multidimensional Sound • 4K/60 Hz-Capable HDMI® Terminals for UltraHD Entertainment*! • Supports HDCP 2.2 for Future 4K/Full HD Video Streaming and Broadcast*2 • 7 HDMI Inputs (1 Front with MHL™/6 Rear) and 2 Outputs • HDMI Video Upscaling to 4K with Qdeo™ Processing Technology by Marvell • Built-in Wi-Fi®-Certified Wireless LAN and Bluetooth Version 2.1 + EDR with Advanced Music Optimizer • AccuEQ Room Calibration with Mic for Clear and Balanced Sound • Powered Zone 2 and Zone 2 Line-Out for Distributed Audio Playback in Another Room • WHD: 435 x 173.5 x 329 mm • 10.0 kg

HTP-993 7.1-Channel Home Theater Speaker System

SKF-980 2-Way Acoustic-Suspension Front Speakers • WHD: 158 x 433 x 199 mm • 5.3 kg SKC-980 2-Way Acoustic-Suspension Center Speaker • WHD: 433 x 158 x 199 mm • 5.3 kg SKR-980/SKB-980 2-Way Acoustic-Suspension Surround/Surround Back Speakers
• WHD: 200 × 275 × 169 mm • 3.5 kg

SKW-938 Acoustic-Suspension Powered Subwoofer • WHD: 380 x 444 x 429 mm • 15.5 kg

UltraHD HDCP2.2 WFI &Bluetooth & Matthew QDEO MATTHEW 1921/2007 PAPMBASS ACCUEQ ((III)) I MHL NETWORK & dlna PANDORA Spotify LIDEZER AUPEO/ ÷tunein **USB** RIFID NATIONAL RI #ECO A-OMF





HT-S7705 5.1.2-Channel Network A/V Receiver/Speaker Package



BLACK

HT-S5805 5.1.2-Channel Dolby Atmos® Home Theater Package







HT-R693 7.2-Channel Network A/V Receiver

- 175 W/Ch (6 Ω , 1 kHz, 1 Channel Driven, JEITA) Supports Dolby Atmos® up to 5.1.2 Channels 4K/60 Hz-Capable HDMI® Terminals for UltraHD Entertainment*i Supports HDCP 2.2 for Future 4K/Full HD Video Streaming and Broadcast*2 • 7 HDMI Inputs (1 Front with MHL™/6 Rear) and 2 Outputs • HDMI Video Upscaling to 4K with Qdeo™ Processing Technology by Marvell • Built-in Wi-Fi®-Certified Wireless LAN and Bluetooth Version 2.1 + EDR with Advanced Music Optimizer Three-Stage Inverted Darlington Circuitry for Front and Center Channels
 AccuEQ Room
- Calibration with Mic for Clear and Balanced Sound Powered Zone 2 and Zone 2 Line-Out for Distributed Audio Playback in Another Room • WHD: 435 x 173.5 x 329 mm • 10.5 kg

HTP-678 5.1.2-Channel Home Theater Speaker System

SKF-693 Dolby Atmos-Enabled 2-Way Bass Reflex Front Speakers/Full-Range Acoustic-Suspension Height Speakers • WHD: 155 × 467 × 183 mm • 3.6 kg SKC-591N 2-Way Bass Reflex Center Speaker • WHD: 420 × 115 × 119 mm • 2.4 kg SKR-590 Full-Range Acoustic-Suspension Surround Speakers • WHD: 115 × 230 × 96 mm • 1.0 kg SKW-658 Bass Reflex Powered Subwoofer • WHD: 230 × 425 × 410 mm • 7.7 kg





HT-R494 7.1-Channel A/V Receiver

- 100 W/Ch (6 Ω , 1 kHz, 1% THD, 1 Channel Driven, JEITA) Supports Dolby Atmos® up to 5.1.2 Channels 4K/60 Hz-Capable HDMI® Terminals with 4:4:4 Color Space for UltraHD Entertainment (4 In/1 Out) • Bluetooth Version 2.1 + EDR Capability (Compatible Profile: A2DP vI.2, AVRCP vI.3) • Advanced Music Optimizer to Improve Compressed Digital Audio Quality (Bluetooth Audio Included) • Phase-Matching Bass Boost for Deep Bass and Clear Mid-Range
- AccuEQ Room Acoustic Calibration Pure Driving Power from Discrete Amp Technology
- STRM Port (Rear) for Powering Media Streaming Sticks Simple Rear Panel Layout for Easy Connection • WHD: 435 x 160 x 328 mm • 8.0 kg

HTP-588 5.1.2-Channel Home Theater Speaker System

SKF-594 2-Way Bass Reflex Front Speakers/Full-Range Acoustic-Suspension Height Speakers • WHD: 155 × 467 × 183 mm • 3.6 kg

SKC-594 2-Way Bass Reflex Center Speaker • WHD: $409 \times 115 \times 121$ mm • 2.2 kg SKR-594 Full-Range Acoustic-Suspension Surround Speakers • WHD: $115 \times 230 \times 96$ mm • 1.0 kg SKW-658 Bass Reflex Powered Subwoofer • WHD: 230 x 425 x 410 mm • 7.7 kg

UltraHD HDCP2.2 Bluetooth & Matter WAT 1920 CHEMPASS ACCUEQ RIFID THE TRANSPORTED RI #ECO

HT-S3705 5.1-Channel Home Theater Receiver/Speaker Package



BLACK







HT-R393 5.1-Channel Home Theater Receiver

• 100 W/Ch (6 Ω , I kHz, I% THD, I Channel Driven, IEC) • 6 HDMI Inputs and I Output for 4K/60 Hz UltraHD Entertainment • Bluetooth Version 2.1 + EDR Capability with Advanced Music Optimizer • USB Port for Mass Storage Class USB Memory Playback of Lossless Audio • Zone 2 Line-Out for Distributed Audio Playback in Another Room • WHD: $435 \times 150 \times 321$ mm • 8.1 kg

HTP-358 5.1-Channel Home Theater Speaker System

SKF-558 Full-Range Bass Reflex Front Speakers • WHD: $101 \times 175 \times 116$ mm • 0.7 kg SKC-391 Full-Range Bass Reflex Center Speaker • WHD: $240 \times 102 \times 121$ mm • 0.8 kg SKR-558 Full-Range Bass Reflex Surround Speakers • WHD: $101 \times 175 \times 116$ mm • 0.7 kg SKW-358 Bass Reflex Subwoofer • WHD: $211 \times 425 \times 381$ mm • 5.5 kg



HT-S3700 5.1-Channel Home Theater Receiver/Speaker Package



HT-R393 5.1-Channel Home Theater Receiver

• 120 W/Ch (6 Ω, I kHz, I Channel Driven, JEITA) • 6 HDMI Inputs and I Output for 4K/60 Hz UltraHD Entertainment • Bluetooth Version 2.1 + EDR Capability with Advanced Music Optimizer • USB Port for Mass Storage Class USB Memory Playback of Lossless Audio • Zone 2 Line-Out for Distributed Audio Playback in Another Room • WHD: $435 \times 150 \times 321$ mm • 8.1 kg

HTP-391 5.1-Channel Home Theater Speaker System

SKF-391 Full-Range Bass Reflex Front Speakers • WHD: 101 x 200 x 114 mm • 0.7 kg
SKC-391C Full-Range Acoustic Suspension Center Speaker • WHD: 240 x 102 x 121 mm • 1.3 kg
SKR-391 Full-Range Bass Reflex Surround Speakers • WHD: 101 x 200 x 114 mm • 0.7 kg
SKW-391 Bass Reflex Subwoofer • WHD: 295 x 345 x 368 mm • 6.4 kg

UltraHD & Bluetooth Discrete Dollary and the second of the **INSB** RIHD ™ RI

SKF-4800



Front Speakers

BLACK

- 16 cm Cone Woofer x 2 2.5 cm Soft-Dome Tweeter
- Banana-Plug-Compatible Speaker Posts Woofer Equalizer Enables Fast and Accurate Response
 • MDF Stabilizer to Minimize
- Vibration Stylish Floor-Standing Design Impedance: 6 Ω
- Max. Input Power: I30 W
 Frequency Response: 55 Hz–35 kHz
- WHD: 295 x 1024 x 305 mm 13.0 kg



SKS-4800 Center/Surround Speaker Package



BLACK



SKC-4800

2-Way Bass Reflex Center Speaker

- 8 cm Cone Woofer x 2 2.5 cm Balanced-
- Dome Tweeter Magnetically Shielded Impedance: 6 Ω Max. Input Power: 130 W Frequency Response: 65 Hz–50 kHz
- WHD: 372 x 125 x 110 mm 2.3 kg

SKR-4800

Full-Range Acoustic-Suspension Surround Speakers

- 8 cm Cone Wall-Mounting Capability
 Impedance: 6 Ω Max. Input Power: 60 W
- Frequency Response: 80 Hz–18 kHz
 WHD: 117 x 180 x 100 mm
 0.9 kg



D-509

Speaker System



BLACK

D-509E 3-Way Bass Reflex Speakers

- 13 cm A-OMF Monocoque Woofer × 2 13 cm N-OMF Mid-Range Driver 3 cm Ring Tweeter Bi-Wiring Connection Capability Piano-Black Finish Gold-Plated, Machined Banana-Plug Compatible Terminals Detachable Anti-Vibration Spike Feet × 4 WHD: 275 × 991 × 370 mm 16.4 kg
- D-509C 2-Way Acoustic-Suspension Center Speaker
- 13 cm N-OMF Woofer \times 2 3 cm Ring Tweeter Piano-Black Finish Gold-Plated, Machined Banana-Plug Compatible Terminals WHD: $500 \times 164 \times 176$ mm 5.9 kg

D-509M 2-Way Acoustic-Suspension Surround Speakers

• 13 cm N-OMF Woofer • 3 cm Ring Tweeter • Piano-Black Finish • Gold-Plated, Machined Banana-Plug Compatible Terminals • WHD: $164 \times 280 \times 187$ mm • 3.5 kg

A-OMF ∧-ome

SKS-HT978THX

5.1-Channel Home Theater Speaker System





SKF-980 2-Way Acoustic-Suspension Front Speakers

- 12 cm A-OMF Diaphragm Woofer x 2 2.5 cm Soft-Dome Tweeter
- • WHD: 158 x 433 x 199 mm • 5.3 kg

SKC-980 2-Way Acoustic-Suspension Center Speaker

SKR-980 2-Way Acoustic-Suspension Surround Speakers

- 13 cm A-OMF Diaphragm Woofer 2.5 cm Soft-Dome Tweeter Max. Input Power: 130 W WHD: $200 \times 275 \times 169$ mm 3.5 kg
- All speakers feature an impedance of 8 Ω , colorand wall-mounting capability.

SKW-938 Acoustic-Suspension Powered Subwoofer

- 30 cm Cone Rated Output Power: 125 W (Minimum Continuous Power, 6 $\Omega,$ 100 Hz, 1%, IEC) Output Level Control and Auto Standby Function
- WHD: 380 × 444 × 429 mm 15.5 kg

THX A-OMF

SKS-HT993THX

7.1-Channel Home Theater Speaker System

New for 2015

BLACK

BLACK



SKF-980 2-Way Acoustic-Suspension Front Speakers

SKC-980 2-Way Acoustic-Suspension Center Speaker

- 12 cm A-OMF Diaphragm Woofer x 2 2.5 cm Soft-Dome Tweeter Max. Input Power: 130 W Magnetically Shielded
- WHD: 433 × 158 × 199 mm 5.3 kg

SKR-980/SKB-980

2-Way Acoustic-Suspension Surround/Surround Back Speakers

• 13 cm A-OMF Diaphragm Woofer • 2.5 cm Soft-Dome Tweeter • Max. Input Power: 130 W • WHD: $200 \times 275 \times 169$ mm • 3.5 kg All speakers feature an impedance of 8 Ω , color and wall-mounting capability.

SKW-938 Acoustic-Suspension Powered Subwoofer

- + 30 cm Cone + Rated Output Power: 125 W (Minimum Continuous Power, 6 $\Omega_{\mbox{\tiny L}}$ 100 Hz, 1%, IEC) • Output Level Control and Auto Standby Function • WHD: 380 x 444 x 429 mm • 15.5 kg
- THX A-OMF

SKS-HT588

5.1.2-Channel Home Theater Speaker System









SKF-2800

Dolby Atmos®-Enabled Integrated Front & Height Speakers

• 12 cm Cone Woofer • 2.5 cm Balanced-Dome Tweeter • 8 cm Cone (Separately Powered By Height Channel) • WHD: $155 \times 467 \times 183$ mm • 3.7 kg

SKC-594 2-Way Bass Reflex Center Speaker

- 8 cm Cone Woofer x 2 2.5 cm Balanced-Dome Tweeter WHD: 409 x 115 x 121 mm 2.2 kg

SKR-594 Full-Range Acoustic-Suspension Surround Speakers

• 8 cm Cone • WHD: $115 \times 230 \times 96$ mm • 1.0 kg All speakers feature an impedance of 6 Ω , maximum input power of 130 W, and wall-mounting capability.

SKW-658 Bass Reflex Powered Subwoofer

• 20 cm Cone • Rated Output Power: 80 W (Minimum Continuous Power, 4 Ω, 100 Hz, 1%, IEC) • Down-Firing • WHD: 230 x 425 x 410 mm • 7.7 kg

SKH-410

Dolby Atmos®-Enabled Speaker System



- Dedicated Dolby Atmos®-Enabled Speakers
 Dolby Atmos-Certified Special Network Inside
- Position on an Existing Front/Surround Speaker (Such as Onkyo SKF-4800) or Wall-Mount to Enable Dolby Atmos Height Effects • 8 cm Cone Transducer • Wood Cabinet Construction
- High-Grade Cloth Grilles Quality Black Hairline Finish Rated Input Power: 25 W
- Maximum Input Power: 100 W Includes Rubber Feet, 3 m Speaker Cables (x2), and Wall-Mount Kit • WHD: $120 \times 155 \times 153$ mm



Dolby Atmos-enabled SKH-410 speakers in a 7.1.2-channel home theater



SKS-HT728

5.1-Channel Home Theater Speaker System



SKF-770 Dual-Drive 2-Way Front Speakers

- 8 cm Cone Woofer x 2 2.5 cm Balanced-Dome Tweeter • WHD: 262 x 1050 x 262 mm • 5.2 kg
- SKC-770 Dual-Drive 2-Way Center Speaker
- 8 cm Cone Woofer x 2 2.5 cm Balanced-Dome Tweeter WHD: 430 x | 15 x | 21 mm 2.2 kg

SKR-770 Full-Range Surround Speakers

• 8 cm Cone • WHD: $115 \times 230 \times 96$ mm • 1.0 kg All speakers feature an impedance of 6 Ω , maximum input power of 130 W, and all except the front speakers are wall-mountable.

SKW-770* Bass Reflex Powered Subwoofer

• 25 cm Cone • Rated Output Power: I20 W (Minimum Continuous Power, 4 Ω , I00 Hz, I%, IEC) • Down-Firing • WHD: 275 × 507 × 41 I mm • I1.6 kg



* SKW-770 also sold separately.

SKS-HT528

BLACK

5.1-Channel Home Theater Speaker System



Bass Reflex Powered Subwoofer BLACK





SKW-208



SKF-528 Full-Range Bass Reflex Front Speakers

- 8 cm Cone Woofer • Max. Input Power: I 20 W • Gloss-Finished • Magnetically Shielded • WHD: I 01 \times I 75 \times I 16 mm • 0.7 kg

SKC-528 Full-Range Bass Reflex Center Speaker

- 8 cm Cone Woofer Max. Input Power: I20 W Gloss-Finished Magnetically Shielded WHD: $273 \times 101 \times 106$ mm I.0 kg

SKR-528 Full-Range Bass Reflex Surround Speakers

- 8 cm Cone Woofer Max. Input Power: I 20 W Gloss-Finished Magnetically Shielded
- WHD: $101 \times 175 \times 116$ mm 0.7 kg All speakers feature an impedance of 6 Ω , color-coded speaker terminals and cable, and wall-mounting capability

SKW-501 Bass Reflex Powered Subwoofer

- 20 cm Cone Down-Firing Rated Output Power: 80 W (Minimum Continuous Power, 4 Ω, 100 Hz, IEC)
- WHD: 230 × 425 × 412 mm 9.1 kg



• Rated Output Power: 120 W Minimum Continuous Power (4 \,\text{Q}, 100 Hz, Maximum 18) • 25 cm Cone • Adjustable Crossover Frequency (50 Hz-200 Hz) • Phase Switch (0° or 180°) • Output-Level Control • Line Input • Frequency Response: 25 Hz-200 Hz • WHD: 275 x 507 x 411 mm • 11.6 kg



Luxury Sound for Life





LS3200 2.1-Channel Speaker System

BLACK WHITE

LAP-302 2.1-Channel Control Center

TV Brands with Learning Capability*II • Auto Power On/Standby with TV • Features DTS Studio Sound** Technology for Clear, Room-Filling Sound Reproduction • Voice Mode for Clearer Voice Reproduction • Bluetooth Wireless Audio Streaming Technology (Version 2.1 + EDR) • 2 Digital Audio Inputs (Optical and Coaxial) • WHD: 187 x 32 x 120 mm • 0.3 kg

SLM-302 Full-Range Acoustic-Suspension Speakers

• 6.5 cm Cones \times 2 • Detachable Speaker Stands for Greater Mounting Flexibility • Wall Mountable • Vertical or Horizontal Orientation • WHD: $169 \times 78 \times 108$ mm (Horizontal), $169 \times 111 \times 133$ mm (Horizontal), with Stand) • 0.7 kg (Without Stand)

SKW-B50 Wireless Subwoofer

- Wireless Design for Installation Flexibility Powered Bass Reflex Design 16 cm Cone Rated Output Power: 50 W (4 Ω , 100 Hz, 1%, IEC) Down-Firing WHD: 261 \times 337 \times 269 mm 5.8 kg





Vertically Mounted

LS-T30 TV Speaker System

BLACK SILVER

• Advanced Digital Amplification for Clear and Dynamic Sound • Precision Speaker System with Four 6.5 cm Full-Range Drivers • Powerful I 6 cm Down-Firing Subwoofer • Four Optimized Sound Modes (Surround/Stereo/Voice/Standard) • Features DTS Studio Sound™ Technology • Bluetooth Wireless Audio Streaming Technology (Version 2.1 + EDR) • Dolby® Digital Decoding from Blu-rolic, DVD, and HDTV Broadcast • Designed for Big-Screen TVs up to 70 Inches or 60 kg • Quriek and Easy Single-Cable TV Connection (Digital Optical/Coaxial or Analog) • Preset Remote Control Code for Most TV Brands with Learning Capability® • Strong and Solid MDF Construction with High Quality Finish • WHD: 905 x 95 x 400 mm • 10.4 kg

DOLBY dts Bluetooth



LS3100 2.1-Channel Speaker System

BLACK WHITE

LAP-301 2.1-Channel Control Center

Preset Remote Control Code for Most TV Brands with Learning Capability*
 Room-Filling Sound with SRS Technology
 Bluetooth Wireless Audio Streaming Technology (Version 2.1 + EDR)
 Vocal Mode for Clearer Voice Reproduction
 2 Digital Audio Inputs (Optical and Coaxial)
 WHD:187 x 32 x 120 mm
 30 kg

SLM-301 Full-Range Acoustic-Suspension Speakers

• 6.5 cm Cones x 2 • Detachable Speaker Stands for Greater Mounting Flexibility • Wall Mountable • WHD:169 x 78 x 108 mm (Horizontal), 169 x 111 x 133 mm (Horizontal, with Stand) • 0.7 kg

SLW-301 Wireless Subwoofer

• Powered Bass Reflex Design • 16 cm Cone • Max. Output Power: 50 W (4 Ω , 100 Hz, 1%, IEC) • WHD: 261 × 337 × 269 mm • 5.8 kg





Engineered for Audio Perfection

P-3000R

Preamplifier











• DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Separate Digital/Analog Circuitry • Separate Massive Transformers for Digital/Analog Circuitry (Toroidal Transformer for Analog Circuitry) • Separate Anti-Vibration Aluminum Panels • PLL Ultra-Low-litter Technology • Separate TI Burr-Brown 192 kHz/32-bit DACs (PCM1795 x 2) • Independent Headphone Amplifier • Discrete Phono Equalizer (MM) • USB Device (C-Media CM6631) for 192 kHz/32-bit HD Audio from PC* • 5 Digital Inputs (Amphenol AES/EBU, 2 Optical, and 2 Coaxial) and I Output (Optical)

cated software that can be downloaded from an Onkvo website

Satisfy Your Desire for Reference Sound

M-5000R

Power Amplifier









 • Max. Power: 170 W/Ch (4 Ω , 1 kHz, 1%, 2 Channels Driven, IEC) • DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • AWRAT (Advanced Wide Range Amplifier Technology) • Quad Push-Pull Amplification Design with Three-Stage Inverted Darlington Circuitry • Symmetrical Layout of L/R Channels • Two Massive Toroidal Transformers with Sub Transformer $\, \bullet \,$ Four Large 27,000 $\mu F \,$ Capacitors $\, \bullet \,$ Separate Anti-Vibration Aluminum Panels $\, \bullet \,$ Balanced XLR Input for Monaural Amplification in BTL Mode

Experience True Musicality from Compact Disc

C-7000R

Compact Disc Player







 DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry)
 Separate Digital/ DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Separate Digital Analog Circuitry • Separate Massive Transformers for Digital and Analog Circuitry (Toroidal Transformer for Analog Circuitry) • Thermally Regulated High-Precision Clock • Silent Disc Mechanism with Solid Die-Cast Aluminum Tray • Separate Anti-Vibration Aluminum Panels • PLL Ultra-Low-Jitter Technology • Separate TI Burr-Brown 192 kHz/24-bit DACs (PCM1792 x 2) • Pure Analog/Digital Mode • 3 Digital Outputs (Amphenol AES/EBU, Optical, and Coaxial)

Elite Integrated Amp Brings Your Music to Life

A-9000R

Integrated Stereo Amplifier





SILVER BLACK



192-724 USB RI

- 140 W/Ch (4 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC)
 DIDRC (Dynamic • 140 W/Ch (4 t), 20 Hz-20 kHz, 0.05%, 2 Channels Driven, IEC) • DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • AWRAT (Advanced Wide Range Amplifier Technology) • Quad Push-Pull Amplification Design with Three-Stage Inverted Darlington Circuitry • 192 kHz/24-bit HD Audio Playback via USB (Asynchronous Transfer) • Separate Wolfson® 192 kHz/24-bit DACs (WM8742 x 2) • Four Large 18,000 µF Capacitors • Four Amplifier Modes (Integrated Amp, Power Amp, Fre-Amp, Split Pre-Amp/Power Amp) • Discrete Phono Equalizer (MM/MC) • 4 Digital Inputs (1 Amphenol AES/EBU, 1 Optical, and Convisit)

A-9070

Integrated Stereo Amplifier









DIDRC AWATENESS 192 24 RI

• 140 W/Ch (4 O, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC) • DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • AWRAT (Advanced Wide Range Amplifier Technology) • Parallel Push-Pull Amplification Design with Three-Stage Inverted Darlington Circuitry • 192 kHz/24-bit HD Audio Playback via Coaxial Inputs • Separate Wolfson® 192 kHz/24-bit DACS (WM8742 x 2) • Four Large 15,000 µF Capacitors • Four Amplifier Modes (Integrated Amp. Power Amp. Pre-Amp. Split Pre-Amp/Power Amp) • Discrete Phono Equalizer (MMM/O) • Independent Headshope Amplifier • 3 Distributions (1 Optical and Equalizer (MM/MC) • Independent Headphone Amplifier • 3 Digital Inputs (1 Optical and 2 Coaxial)

A-9050

Integrated Stereo Amplifier







DIDRC WAT PMBASS 1921/24 R

• 75 W/Ch (8 Ω, 1 kHz, 0.08%, 2 Channels Driven, IEC) • DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Three-Stage Inverted Darlington Circuitry • WRAT (Wide Range Amplifier Technology) • Thick, Low-Impedance Copper Bus Bars • Two 10,000 µF Capacitors • Wolfson® 192 kHz/24-bit DAC (WM8718) • Phase-Matching Bass Boost • 96 kHz/24-bit Capable Digital Audio Inputs (1 Optical and 2 Coaxial) • Phono Input (MM)

• Gold-Plated RCA Terminals and Speaker Posts • 1.6 mm Full Flat Chassis



A-9030

Integrated Stereo Amplifier



• 65 W/Ch (8 Ω , 1 kHz, 0.08%, 2 Channels Driven, IEC) • Three-Stage Inverted Darlington Circuitry • WRAT (Wide Range Amplifier Technology) • Phase-Matching Bass Boost • High-Current Low-Impedance Drive • Thick, Low-Impedance Copper Bus Bars • Two 8,200 μ F Capacitors • Optimum Gain Volume Control • 1.6 mm Full Flat Chassis • 5 Analog Audio Inputs and 1 Output • Phono Input (MM) • Subwoofer Pre-Out • Speaker A/B Drive

PMBASS R





Rediscover the Magic of Vinyl

CP-1050

Direct Drive Turntable





BLACK YELLOW

- Stable Direct-Drive System for Minimal Low-Frequency Cogging Noise Quartz-Lock Control System for High-Precision Rotation • Solid Anti-Vibration MDF Cabinet Construction with Woodgrain Finish • Die-cast 305 mm Aluminum Platter for Effortlessly Smooth and Stable Rotation • Aluminum Static-Balance S-shaped Tonearm • Detachable Headshell Compatible with Aftermarket Cartridges
- Gold-Plated RCA Phono Output Easy Button-Selectable 33 $^{1}/_{3}$ and 45 rpm Speeds WHD: 450 \times 158 \times 367.5 mm 8.6 kg

A-9010

Integrated Stereo Amplifier











SILVER BLACK





- 44 W/Ch (8 Ω , I kHz, 0.08% THD, 2 Channels Driven, IEC) WRAT (Wide Range Amplifier Technology) • Discrete Amplifier Output Circuitry • High Quality Wolfson® WM8718 192 kHz/24-bit DAC • Two Digital Audio Inputs (Optical and Coaxial) • Coaxial Supports Sampling Rates Up to 192 kHz/24-bit • Independent Headphone Amplification Circuitry

C-N7050









SILVER BLACK





 Plays Audio CD, CD-R, CD-RW, MP3-Encoded CD-R/CD-RW, and WAV-Encoded CD-R/CD-RW • Gapless Streaming of Native 2.8 MHz DSD/5.6 MHz DSD, 192 kHz/ 24-bit FLAC and WAV, and 96 kHz/24-bit ALAC Formats • Control and Stream Audio from Mobile with Onkyo Remote App*2 • iPod/iPhone-Certified Direct-Digital USB Input (Front) • Includes vTuner Internet Radio Service • Top-Quality TI Burr-Brown 192 kHz/32-bit DAC (PCM1795 x1) • Floating 32-bit DSP Engine • 2 USB Inputs (Front and Rear) • 2 Digital Outputs (Optical and Coaxial) • 3 Internet Radio Station Memory Presets with vTuner Bookmark Function

T-4070 Network Tuner







• DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Internet Radio and Music Streaming Connectivity via Ethernet* • Streaming via AirPlay for iPod touch/iPhone/iPad • DLNA Version 1.5 Certification • Separate Wolfson® 192 kHz/24-bit DACs (WM8742 x 2) for L/R Channels • Direct Digital Connection of iPod/iPhone and Flash Memory Device via Front-Panel USB Port • Supports Onlyo Remote Apps for Control of Hi-Fi System via iPod touch/iPhone and Android™ Devices*2 • FM/AM/DAB+ Tuner • 3 Digital Audio Outputs (Amphenol AES/EBU, Optical, and Coaxial) • Machined, Gold-Plated RCA, AES/EBU, and Coaxial Terminals $\, \bullet \,$ WHD: $435 \times 100 \times 306.7 \,$ mm $\, \bullet \,$ 5.8 kg

T-4030

DAB+/DAB/FM Tuner







- VLSC™ (Vector Linear Shaping Circuitry)
 40 DAB/DAB+ Presets
 40 FM Presets
- Digital Audio Outputs (Optical and Coaxial)
 Analog Audio Output FM Digital Output Capability Wolfson® DAC (WM8718) FM Mono Mode for Weak Signals High-Rigidity, Anti-Resonant Chassis to Prevent Vibrations Audiophile-Grade Capacitor Automatic/ Manual Tuning • Preset Station Naming (Up to Eight Characters) • RI (Remote Interactive) System Control • Battery-Free Memory Back-Up • WHD: 435 x 101.5 x 307 mm • 4.9 kg



TX-8150

Network Stereo Receiver









Network Stereo Receiver



























- 140 W/Ch (6 $\Omega,$ 1 kHz, 2 Channels Driven, JEITA) Non-Phase-Shift Amp Design for Realistic Sound Imaging • Two Custom-Made 8,200 μF Hi-Current Capacitors • AKM AK4452 384 kHz/32-bit Hi-Grade DAC • Built-in Wi-Fi® and Bluetooth Audio Support
- Internet Radio and Music Streaming Subscription Services Included
 Compatible with Spotify Connect and AirPlay
 Supports Onkyo Remote App*
 4 Quick-Access BGM Presets Memory Devices

TX-8020

Stereo Receiver



SILVER BLACK



 • 90 W/Ch (6 $\Omega,$ I kHz, I%, I Channel Driven, IEC) • Discrete Amplifier Design with Massive El Transformer • High-Current, Low-Impedance Drive • 3 Digital Audio Inputs (1 Optical and 2 Coaxial) • 5 Analog Audio Inputs and I Output • Phono Input (MM) • Speaker A/B Terminals • Subwoofer Pre-Out • Independent Bass, Treble, and Balance Controls

C-7030

Compact Disc Player



SILVER BLACK



• Plays Audio CD, CD-R, CD-RW, MP3 CD, and WMA CD $\,$ • VLSC $^{\text{\tiny{IM}}}$ (Vector Linear Shaping Circuitry) for Pulse Noise Reduction • Precision Clock (±10 ppm) • Wolfson® 192 kHz/24-bit DAC (WM8718) • Custom-Designed Massive El Transformers • Differential Headphone Amplifier Circuitry • 25-Track Memory Playback • Random and Repeat Playback Function • 2 Digital Audio Outputs (Optical and Coaxial) • Analog Audio Output • 1.6 mm-Thick Anti-Vibration Full-Flat Chassis





















- 115 W/Ch (6 Ω , 1 kHz, 2 Channels Driven, JEITA) Non-Phase-Shift Amp Design for Realistic Sound Imaging • Two Custom-Made 8,200 µF Hi-Current Capacitors • AKM AK4452 384 kHz/32-bit Hi-Grade DAC • Internet Radio and Music Streaming Subscription Services Included • Compatible with Spotify Connect • Supports Onkyo Remote App*
- 4 Quick-Access BGM Presets Plays Music from Mass-Storage-Class USB Memory Devices
 2 Digital Audio Inputs (Optical and Coaxial) 6 Analog Audio Inputs and | Output

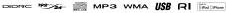
C-7070

Compact Disc Player









- Plays Audio CD, CD-R, CD-RW, MP3 CD, and WMA CD DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Precision Clock $(\pm 10 \text{ ppm})$ • Separate Wolfson® 192 kHz/24-bit DACs (WM8742 x 2) for L/R Channels • Silent Disc Mechanism with Solid Die-Cast Aluminum Tray • New Circuit Board Construction to Reduce Vibration • Independent Headphone Amplifier • Direct Digital Connection of iPod/iPhone and Flash Memory Devices via Front-Panel USB Port • 2 Digital Outputs (Optical and Coaxial)
- Machined, Gold-Plated Audio Terminals

DX-C390

6-Disc CD Carousel Changer



BLACK SILVER





- Plays Audio CDs, MP3-Encoded CDs, CD-R/RWs VLSC $^{\text{\tiny{M}}}$ (Vector Linear Shaping Circuitry)
- VQA (Vector Quantizer Audio) Conversion Technology
 Change up to 5 Discs During Play
- 192 kHz/24-bit Audio DAC Direct Digital Path 2 Digital Outputs (Optical and Coaxial)
- Next Selection Function
 Brushed Hairline Aluminum Front Panel
 WHD: 435 x 131 x 432 mm
 6.9 kg



Hear More, Feel More with Onkyo Wireless Hi-Fi

CS-265 CD Hi-Fi Mini System

colibrino



WHITE BLACK RED LIGHT BLUE YELLOW



CR-265 CD Receiver

- 20 W/Ch (6 Ω, 1 kHz, 10% THD, 2 Channels Driven, IEC) Efficient Digital Amplifier for Clear and Balanced Stereo Sound Bluetooth Version 4.0 for Mobiles, Tablets, and PCs Quick and Convenient NFC Connection for Bluetooth Streaming (NFC-Compatible Devices ON)) Plays Audio CD, CD-R, CD-RW, and MP3-Encoded CD Front-Panel LISP Breat for iR-d/Phono(field and LISP Breat for iR-d/Ph
- USB Port for iPod/iPhone/iPad and USB Flash Drives FM Tuning with 30 Presets
 2-Mode Super Bass Function WHD: 215 x 99 x 273 mm 1.9 kg

D-T25 2-Way Bass Reflex Speakers



CS-265DAB CD Hi-Fi Mini System with Built-In DAB+ Tuner BLACK WHITE WHO WHITE BLACK WHITE BL

CR-N765 Network CD Receiver







- 22 W/Ch (4 Ω, 1 kHz, 0.4%, 2 Channels Driven, IEC) Plays Audio CD, CD-R, and CD-RW Playback of Audio Files Through Local Network and USB (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, LPCM, ALAC, S6 MHz DSD) High-Resolution Gapless Playback Capability (FLAC, WAV, ALAC) Three-Stage Inverted Darlington Circuitry Symmetrical Power Amplifier Circuit Design High-Quality 768 kHz/32-bit Stereo DAC (VERITA AK4490) Internet Radio and Music Streaming Service Connectivity* Control and Stream Audio from Mobile with Onkyo Remote App*2
- Front-Panel USB Port for iPod/iPhone or Flash Memory Device
- Discrete Headphone Amplifier WHD: 215 x 119 x 331 mm 5.0 kg



BLACK



 $D\text{-}055 \;\; \text{2-Way Bass Reflex Speakers}$

∕-ome



Liberating Studio Master Sound

DAC-HA300

D/A Converter/Headphone Amplifier/SD Player

















BLACK



 MUSES8920 Op-Amp and Fully Discrete Low-Distortion Push-Pull Output Circuitry for Brilliantly Clear and Immersive Hi-Fi Sound Quality • Supports 192 kHz/24-bit Hi-Res Audio and 5.6 MHz DSD Playback via iOS Devices (Lightning USB Cable and HF Player App Required*1), Android™ Devices (On-the-Go Cable and HF Player App Required*2), and PC/Mac*3 (via Micro USB Type-B Input) • Compatible with Most Major Hi-Res, Lossless, and Compressed Audio Formats

- Supports 192 kHz/24-bit Hi-Res Audio from Connected Media Players via Digital Optical/Coaxial Switching Input
- Inbuilt Hi-Res Music Player with Up to 128 GB microSD Card Storage*4 • Bright OLED Screen for Song Selection
 • Premium TI Burr-Brown 192 kHz/32-bit PCM1795 DAC
- Enables Asynchronous D/A Conversion for PC, Mac, and Android • WHD: $69.6 \times 21.5 \times 123 \text{ mm}$ • 280 g

Android • WHD: 69,6 x 21,5 x 123 mm • 280 g

*I Certified for iPhone 6, iPhone 5, iPhone 5, iPhone 5, iPhone 5, iPhone 6, iPhone 5, iPhone 6, iPhone 5, iPhone 6, iPhone 5, iPhone 6, iPhone 5, iPhone 6, iPho

MUSES 8920 Op-Amp



 MUSES 8920 Op-Amp with Discrete Low-Distortion Push-Pull Output Circuitry Support for iOS Devices*1 with Lightning Connector and AOA 2.0-Compliant Android™ Devices*2 via USB A-type Input
 Asynchronous High-Resolution D/A Converter for PC, Mac, and Android via USB with High-Precision Clock to Reduce Jitter and Digital Noise** • Free Access to Onkyo HD Player Pack When Connected to iOS Devices via USB • 96 kHz/24-bit-Capable Optical Digital Input • TI Burr-Brown PCM5102 DAC • WHD: 64 x 21.7 x 112 mm • 210 g

*! Certified for Phone 5s, iPhone 5s, Phone 5s, Poal Retina (4th Generation), Pod Air, iPod mini, Pod mini Retina, and iPod touch (5th Generation). *2 Maximum output resolution for Android devices with AOA 2.0 is 48 kH-2 at 16-bit depth (Android 4.1 and later). *3 Connection to computer via USB is supported by Windows Vista, Windows (Nival, Windows 1, OS X Snow Leopard 10.6.4 or later, OS X Lon OS X Mountain Lion 10.8, and OS X Mavericks 10.9. Functionality with other operating systems is not guaranteed

HF Player App for iOS/Android™

Premium Audio Quality with Precision Equalization





Free iOS and Android Versions

- High-precision EQ (16,384 discrete bands, linear-phase FIR filter)
 Create and save personalized EQ settings for different music
- Selectable EQ presets optimized by musicians for Onkyo headphones
- Automatic upsampling function
- · Crossfade playback option

$\textbf{HD Player Pack (iOS) and HF Player Unlocker (Android)} \quad \bullet \\ \textbf{FLAC/ALAC/WAV/AIFF/Ogg-Vorbis (up to 192 kHz)} \\$

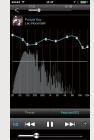
- Playback 192/24 and DSD 11.2 MHz
- Output Hi-Res Audio and DSD to compatible DAC/Amps via Lightning or OTG (On-the-Go) cables and DoP Output Mode
 Playlist creation function for Hi-Res library

Supported Formats (iOS)

- MP3/ALAC/AAC/WAV/AIFF (up to 48 kHz)
- DSF/DSD-FF (up to 1.2 MHz, PCM conversion, DoP), FLAC/ALAC/WAV/AIFF (up to 384 kHz), and Ogg-Vorbis (up to 192 kHz)*

Supported Formats (Android)

- MP3/AAC (up to 48 kHz)
 DSF/DSD-IFF (up to 11.2 MHz, PCM conversion, DoP)







iOS version pictured.











A/V Receivers

SPECIFICATIONS								
	TX-RZ900	TX-RZ800	TX-NR747	TX-NR646	TX-NR545	TX-SR444	TX-SR343	TX-SR252
AMPLIFIER SECTION								
Channels	7.2	7.2	7.2	7.2	7.2	7.1	5.1	5.1
Power Output All Channels (except for subwoofers)	235 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 200 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	230 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 185 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	185 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 175 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	175 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 160 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	120 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 100 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	120 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 100 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	120 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 100 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	120 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 100 W/Ch (6 Ω, 1 kHz, 0.7%, 1 Channel Driven, IEC)
Dynamic Power	320 W (3 Ω, Front) 270 W (4 Ω, Front) 160 W (8 Ω, Front)	300 W (3 Ω, Front) 250 W (4 Ω, Front) 150 W (8 Ω, Front)	250 W (3 Ω, Front) 230 W (4 Ω, Front) 130 W (8 Ω, Front)	240 W (3 Ω, Front) 210 W (4 Ω, Front) 120 W (8 Ω, Front)	160 W (3 Ω, Front) 125 W (4 Ω, Front) 85 W (8 Ω, Front)	160 W (3 Ω, Front) 125 W (4 Ω, Front) 85 W (8 Ω, Front)	160 W (3 Ω, Front) 125 W (4 Ω, Front) 85 W (8 Ω, Front)	_
THD + N (Total Harmonic Distortion + Noise)	0.08% (20 Hz-20 kHz, Half Power)	0.08% (20 Hz-20 kHz, Half Power)	0.08% (20 Hz-20 kHz, Half Power)	0.08% (20 Hz–20 kHz, Half Power)	0.08% (20 Hz–20 kHz, Half Power)	0.08% (20 Hz–20 kHz, Half Power)	0.08% (20 Hz–20 kHz, Half Power)	0.06% (20 Hz-20 kHz)
Input Sensitivity and Impedance	$\begin{array}{c} 200~\text{mV/47 k}\Omega~\text{(Line)} \\ 3.5~\text{mV/47 k}\Omega~\text{(Phono MM)} \end{array}$	200 mV/47 kΩ (Line) 3.5 mV/47 kΩ (Phono MM)	200 mV/47 kΩ (Line) 2.5 mV/47 kΩ (Phono MM)	200 mV/47 kΩ (Line) 3.5 mV/47 kΩ (Phono MM)	200 mV/47 kΩ (Line)	200 mV/47 kΩ (Line)	200 mV/47 kΩ (Line)	250 mV/47 kΩ (Line)
Rated RCA Output Level and Impedance	$\begin{array}{c} 1.0 \text{ V/470 } \Omega \text{ (Pre Out)} \\ 1.0 \text{ V/470 } \Omega \\ \text{(Subwoofer Pre Out)} \\ 100 \text{ mV/2.2 } \text{k}\Omega \text{ (Zone Out)} \\ 1.0 \text{ V/2.2 } \text{k}\Omega \text{ (Zone Pre Out)} \\ \end{array}$	$\begin{array}{c} 1.0 \text{ V/470 } \Omega \text{ (Pre Out)} \\ 1.0 \text{ V/470 } \Omega \\ \text{(Subwoofer Pre Out)} \\ 100 \text{ mV/2.2 k} \Omega \text{ (Zone Out)} \\ 1.0 \text{ V/2.2 k} \Omega \text{ (Zone Pre Out)} \\ \end{array}$	$\begin{array}{c} 100~\text{mV/2.3 k}\Omega\\ \text{(Zone 2 Line Out)}\\ 1.0~\text{V/470}~\Omega\\ \text{(Subwoofer Pre Out)} \end{array}$	$\begin{array}{c} 100~\text{mV/2.3 k}\Omega\\ \text{(Zone 2 Line Out)}\\ 1.0~\text{V/470}~\Omega\\ \text{(Subwoofer Pre Out)} \end{array}$	$\begin{array}{c} 100~\text{mV/2.3 k}\Omega\\ (\text{Zone 2 Line Out})\\ 1.0~\text{V/470}~\Omega\\ (\text{Subwoofer Pre Out}) \end{array}$	1.0 V/470 Ω (Pre Out) 1.0 V/470 Ω (Subwoofer Pre Out)	1.0 V/470 Ω (Pre Out) 1.0 V/470 Ω (Subwoofer Pre Out)	-
Maximum RCA Output Level and Impedance	_	_	_	_	_	_	_	_
Rated XLR Output Level and Impedance	-	_	_	_	_	_	-	_
Maximum XLR Output Level and Impedance	_	-	_	_	_	_	_	_
Phono Overload	70 mV (MM, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%)	_	_	_	_
Frequency Response	5 Hz-100 kHz/+1 dB, -3 dB (Direct Mode)	5 Hz-100 kHz/+1 dB, -3 dB (Direct Mode)	10 Hz-100 kHz/+1 dB, -3 dB (Direct Mode)	10 Hz-100 kHz/+1 dB, -3 dB (Direct Mode)	10 Hz-100 kHz/+1 dB, -3 dB (Direct Mode)	10 Hz-100 kHz/+1 dB, -3 dB (Direct Mode)	10 Hz-100 kHz/+1 dB, -3 dB (Direct Mode)	10 Hz-70 kHz/+0 dB, -3 dB (Direct Mode)
Tone Control Bass Treble	±10 dB, 20 Hz ±10 dB, 20 kHz	±10 dB, 20 Hz ±10 dB, 20 kHz	±10 dB, 20 Hz ±10 dB, 20 kHz	±10 dB, 20 Hz ±10 dB, 20 kHz	±10 dB, 20 Hz ±10 dB, 20 kHz	±10 dB, 20 Hz ±10 dB, 20 kHz	±10 dB, 20 Hz ±10 dB, 20 kHz	±6 dB, 100 Hz ±6 dB, 10 kHz
Signal-to-Noise Ratio	106 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)	106 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)	100 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)	100 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)	100 dB (Line, IHF-A)	100 dB (Line, IHF-A)	100 dB (Line, IHF-A)	98 dB (Line, IHF-A)
Speaker Impedance	4 Ω–16 Ω	4 Ω–16 Ω	4 or 6 Ω–16 Ω	4 or 6 Ω–16 Ω	6 Ω–16 Ω	6 Ω–16 Ω	6 Ω–16 Ω	6 Ω–16 Ω
VIDEO SECTION Input Sensitivity/Output Level and Impedance	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Ps/Cs, Ps/Cs) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Ps/Cs, Ps/Cs) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Ps/Cs, Ps/Cs) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Ps/Cs, Ps/Cs) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Ps/Cs, Ps/Cs) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Pe/Cs, Pe/Cr) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Pe/Cs, Pr/Cr) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Monitor Out)
Component Video Frequency Response	5 Hz-100 MHz/ +0 dB, -3 dB	5 Hz-100 MHz/ +0 dB, -3 dB	5 Hz-13.5 MHz/ +0 dB, -3 dB	5 Hz-13.5 MHz/ +0 dB, -3 dB	5 Hz-13.5 MHz/ +0 dB, -3 dB	5 Hz-13.5 MHz/ +0 dB, -3 dB	5 Hz-13.5 MHz/ +0 dB, -3 dB	-
TUNER SECTION								
Tuning Frequency Range FM AM	87.5 MHz-108 MHz 522 kHz-1,611 kHz	87.5 MHz-108 MHz 522 kHz-1,611 kHz	87.5 MHz-108 MHz 522 kHz-1,611 kHz	87.5 MHz-108 MHz 522 kHz-1,611 kHz	87.5 MHz-108 MHz 522 kHz-1,611 kHz	87.5 MHz-108 MHz 522 kHz-1,611 kHz	87.5 MHz-108 MHz 522 kHz-1,611 kHz	87.5 MHz-108 MHz 530-1,700 kHz/531-1,602 kHz
Preset Memory	40 Stations	40 Stations	40 Stations	40 Stations	40 Stations	40 Stations	40 Stations	30 Stations
GENERAL								
Power Supply	AC 220-240 V~, 50/60 Hz	AC 220-240 V~, 50/60 Hz	AC 220-240 V~, 50/60 Hz	AC 220-240 V~, 50/60 Hz	AC 220-240 V~, 50/60 Hz	AC 220-240 V~, 50/60 Hz	AC 220-240 V~, 50/60 Hz	AC 220-240 V~, 50/60 Hz
Power Consumption	840 W	720 W	710 W	630 W	430 W	420 W	340 W	165 W
No-Sound Power Consumption	95 W	90 W	70 W	70 W	60 W	55 W	35 W	_
Standby Power Consumption	0.2 W	0.2 W	0.15 W	0.15 W	0.15 W	0.3 W	0.3 W	0.45 W
Dimensions (W x H x D)	435 x 201.5 x 433.5 mm	435 x 201.5 x 433.5 mm	435 x 175 x 379 mm	435 x 173.5 x 329 mm	435 x 173.5 x 329 mm	435 x 160 x 328 mm	435 x 160 x 328 mm	435 x 168 x 326.5 mm
Weight	18.0 kg	17.0 kg	11.5 kg	9.4 kg	8.6 kg	8.0 kg	8.0 kg	7.3 kg

Integrated Amplifiers

SPECIFICATIONS					
	A-9000R	A-9070	A-9050	A-9030	A-9010
Power Output	140 W/Ch (4 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC) 75 W/Ch (8 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC)	140 W/Ch (4 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC) 75 W/Ch (8 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC)	75 W/Ch (8 Ω , 1 kHz, 0.08%, 2 Channels Driven, IEC)	65 W/Ch $(8~\Omega,1$ kHz, $0.08\%,$ 2 Channels Driven, IEC)	$\begin{array}{c} 44 \text{ W/Ch} \\ \text{(8 }\Omega,\text{1 kHz, 0.08\%,} \\ \text{2 Channels Driven, IEC)} \end{array}$
Dynamic Power	450 W (1 Ω), 310 W (2 Ω), 230 W (3 Ω), 180 W (4 Ω), 100 W (8 Ω)	450 W (1 Ω), 310 W (2 Ω), 230 W (3 Ω), 180 W (4 Ω), 100 W (8 Ω)	-	-	-
THD+N (Total Harmonic Distortion + Noise)	0.006% (Half Power) 0.03% (1 kHz, 1 W Output) 0.008% (20 Hz-20 kHz, Half Power) 0.03% (20 Hz-20 kHz, 1 W Output)	0.006% (Half Power) 0.03% (1 kHz, 1 W Output) 0.008% (20 Hz-20 kHz, Half Power) 0.03% (20 Hz-20 kHz, 1 W Output)	0.08% (1 kHz, 1 W Output)	0.08% (1 kHz, 1 W Output)	0.08% (1 kHz, 1 W Output)
Input Sensitivity and Impedance	150 mV/47 kΩ (Line) 2.25 mV/47 kΩ (Phono MM) 0.18 mV/100 Ω (Phono MC)	150 mV/47 kΩ (Line) 2.25 mV/47 kΩ (Phono MM) 0.18 mV/100 Ω (Phono MC)	175 mV/33 k Ω (Line) 4.8 mV/47 k Ω (Phono MM)	175 mV/33 kΩ (Line) 4.8 mV/47 kΩ (Phono MM)	150 mV/100 kΩ (Line) 3.0 mV/47 kΩ (Phono MM)
Rated RCA Output Level and Impedance	1 V/300 Ω (Pre Out)	1 V/300 Ω (Pre Out)	0.175 V/2.2 kΩ (Rec Out)	0.175 V/2.2 kΩ (Rec Out)	0.15 V/2.2 kΩ (Line Out)
Maximum RCA Output Level and Impedance	5 V/300 Ω (Pre Out)	5 V/300 Ω (Pre Out)	_	_	_
Phono Overload	70 mV (MM, 1 kHz, 0.5%) 5.2 mV (MC, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%) 5.2 mV (MC, 1 kHz, 0.5%)	100 mV (MM, 1 kHz, 0.5%)	100 mV (MM, 1 kHz, 0.5%)	94 mV (MM, 1 kHz, 0.5%)
Frequency Response	10 Hz–100 kHz/+0 dB, -1 dB (1 W, Line) 1 Hz–250 kHz/+0 dB, -3 dB (1 W, 8 Ω)	10 Hz–100 kHz/+0 dB, -1 dB (1 W, Line) 1 Hz–250 kHz/+0 dB, -3 dB (1 W, 8 Ω)	10 Hz-100 kHz/+1 dB, -3 dB (Line 1)	10 Hz-100 kHz/+1 dB, -3 dB (Line 1)	10 Hz–100 kHz/+1 dB, -3 dB (Line 1)
Tone Control	±10 dB, 80 Hz (Bass) ±10 dB, 10 kHz (Treble)	±10 dB, 80 Hz (Bass) ±10 dB, 10 kHz (Treble)	±14 dB, 100 Hz (Bass) ±14 dB, 10 kHz (Treble) +8 dB, 80 Hz (PM Bass)	±14 dB, 100 Hz (Bass) ±14 dB, 10 kHz (Treble) +8 dB, 80 Hz (PM Bass)	±10 dB, 100 Hz (Bass) ±10 dB, 10 kHz (Treble)
Signal-to-Noise Ratio	107 dB (Line, IHF-A) 60 dB (Phono MM, IHF-A) 70 dB (Phono MC, IHF-A)	107 dB (Line, IHF-A) 60 dB (Phono MM, IHF-A) 70 dB (Phono MC, IHF-A)	110 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)	105 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)	92 dB (Line, IHF-A) 78 dB (Phono MM, IHF-A)
Speaker Impedance	4 Ω–16 Ω (A or B) 8 Ω–16 Ω (A + B)	4 Ω–16 Ω (A or B) 8 Ω–16 Ω (A + B)	4 Ω–16 Ω (A or B) 8 Ω–16 Ω (A + B)	4 Ω–16 Ω (A or B) 8 Ω–16 Ω (A + B)	4 Ω–16 Ω
Power Supply	AC 230 V~, 50 Hz	AC 230 V~, 50 Hz	AC 230 V~, 50 Hz	AC 220-230 V~, 50/60 Hz	AC 220-240 V~, 50/60 Hz
Power Consumption	300 W	290 W	160 W	135 W	155 W
lo-Sound Power Consumption	_	_	_	_	25 W
Standby Power Consumption	0.2 W	0.2 W	0.3 W	0.3 W	0.4 W
Dimensions (W x H x D)	435 x 175 x 435 mm	435 x 174.5 x 431 mm	435 x 139 x 330.3 mm	435 x 139 x 330.3 mm	435 x 129.5 x 332.5 mm
Weight	18.5 kg	18.1 kg	8.2 kg	7.4 kg	6.5 kg

9-Channel Amplifier

SPECIFICATIONS	
	PA-MC5501
Power Output All Channels	280 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA)
Dynamic Power	400 W (3 Ω, Front) 300 W (4 Ω, Front) 180 W (8 Ω, Front)
THD (Total Harmonic Distortion)	0.05% (Rated Power)
Input Sensitivity and Impedance	1 V/47 k Ω (Balanced) 2 V/22 k Ω (Unbalanced)
Frequency Response	5 Hz-100 kHz/+1 dB, -3 dB
Signal-to-Noise Ratio	110 dB (Unbalanced, IHF-A)
Speaker Impedance	4 Ω –16 Ω or 6 Ω –16 Ω
Power Supply	AC 220-240 V~, 50/60 Hz
Power Consumption	1,050 W
Dimensions (W x H x D)	435 x 198.5 x 446.5 mm
Weight	22.0 kg

PR-SC5530	TX-NR3030	TX-NR1030
11.2 (Pre-Outs Only)	11.2	9.2
11.2 (116-0013 Oilly)		
-	230 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 185 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	230 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 185 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)
_	300 W (3 Ω, Front) 250 W (4 Ω, Front) 150 W (8 Ω, Front)	300 W (3 Ω, Front) 250 W (4 Ω, Front) 150 W (8 Ω, Front)
0.08% (20 Hz–20 kHz, Half Power)	0.08% (20 Hz-20 kHz, Half Power)	0.08% (20 Hz-20 kHz, Half Power)
200 mV/47 kΩ (Line) 2.5 mV/47 kΩ (Phono MM)	200 mV/47 kΩ (Line) 2.5 mV/47 kΩ (Phono MM)	200 mV/47 kΩ (Line) 2.5 mV/47 kΩ (Phono MM)
200 mV/470 Ω (Pre Out)	200 mV/470 Ω (Pre Out)	200 mV/470 Ω (Pre Out)
4.6 V/470 Ω (Pre Out)	$4.6 \text{ V}/470 \ \Omega$ (Pre Out)	4.6 V/470 Ω (Pre Out)
400 mV/470 Ω (Pre Out)	400 mV/470 Ω (Pre Out)	400 mV/470 Ω (Pre Out)
9.2 V/470 Ω (Pre Out)	9.2 V/470 Ω (Pre Out)	9.2 V/470 Ω (Pre Out)
70 mV (MM, 1 kHz, 0.5%) 5 Hz-100 kHz/+1 dB, -3 dB (Direct Mode)	70 mV (MM, 1 kHz, 0.5%) 5 Hz-100 kHz/+1 dB, -3 dB (Direct Mode)	70 mV (MM, 1 kHz, 0.5%) 5 Hz-100 kHz/+1 dB, -3 dB (Direct Mode)
±10 dB, 50 Hz ±10 dB, 20 kHz	±10 dB, 50 Hz ±10 dB, 20 kHz	±10 dB, 50 Hz ±10 dB, 20 kHz
110 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)	110 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)	110 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)
_	4 Ω–16 Ω or 6 Ω–16 Ω	4 Ω–16 Ω or 6 Ω–16 Ω
1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component P _B /C _B , P _B /C _B) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Pa/CB, Pa/CR) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Ps/Cs, Ps/Cs) 1.0 Vp-p/75 Ω (Composite)
5 Hz-100 MHz (+0 dB, -3 dB)	5 Hz-100 MHz (+0 dB, -3 dB)	5 Hz-100 MHz (+0 dB, -3 dB)
87.5 MHz-108 MHz 522 kHz-1,611 kHz 40 Stations	87.5 MHz-108 MHz 522 kHz-1,611 kHz 40 Stations	87.5 MHz-108 MHz 522 kHz-1,611 kHz 40 Stations
40 Stations	40 Stations	40 Stations
AC 220-240 V~, 50/60 Hz 60 W	AC 220–240 V~, 50/60 Hz 1,105 W	AC 220-240 V~, 50/60 Hz 955 W
_	_	_
435 x 199 x 461.5 mm	435 x 199 x 466.5 mm	435 x 199 x 466.5 mm
14.0 kg	22.0 kg	20.5 kg

BD Player

SPECIFICATIONS	
	BD-SP809
Frequency Range (Digital Audio)	
BD DVD Linear Sound	4 Hz-88 kHz (192 kHz) 4 Hz-44 kHz (96 kHz) 4 Hz-22 kHz (48 kHz)
Audio CD	4 Hz–20 kHz (44.1 kHz)
S/N Ratio (Digital Audio)	100 dB
Audio Dynamic Range (Digital Audio)	98 dB
THD (Digital Audio)	0.005% (1 kHz)
Wow and Flutter	Below threshold of measurability
Composite Video Output/Impedance	1.0 Vp-p/75 Ω
Component Video Output/Impedance	Y: 1.0 Vp-p/75 Ω, P _B /P _R : 0.7 Vp-p/75 Ω
Component Video Frequency Response	5 Hz-50 MHz
Audio Output/Impedance Digital (Optical) Digital (Coaxial) Analog Audio	-22.5 dBm 0.5 Vp-p/75 Ω 2.0 V (rms)/more than 1 k Ω
Power Supply	AC 110-240 V~, 50/60 Hz
Power Consumption	23 W
Dimensions (W x H x D)	435 x 104 x 313 mm
Weight	4.7 kg

Stereo Amplifiers

SPECIFICATIONS		
	M-5000R	P-3000R
Power Output (2-Ch Stereo)	150 W/Ch (4 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC) 80 W/Ch (8 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC) 170 W/Ch (4 Ω, 1 kHz, 1%, 2 Channels Driven, IEC) 100 W/Ch (8 Ω, 1 kHz, 1%, 2 Channels Driven, IEC)	-
Power Output (BTL Mono)	220 W/Ch (4 Ω, 20 Hz-20 kHz, 0.05%, 1 Channel Driven, IEC) 180 W/Ch (8 Ω, 20 Hz-20 kHz, 0.05%, 1 Channel Driven, IEC) 250 W/Ch (4 Ω, 1 kHz, 1%, 1 Channel Driven, IEC) 200 W/Ch (8 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	-
Dynamic Power	460 W (1 Ω), 320 W (2 Ω), 245 W (3 Ω), 196 W (4 Ω), 142 W (6 Ω), 110 W (8 Ω)	_
THD+N (Total Harmonic Distortion + Noise)	0.005% (1 kHz, Half Power) 0.02% (20 Hz–20 kHz, Half Power)	0.005% (20 Hz–20 kHz, Half Power)
Input Sensitivity and Impedance	1.4 V/10 kΩ (BTL) 700 mV/10 kΩ (RCA)	200 mV/47 kΩ (Line) 2.7 mV/47 kΩ (Phono MM)
Frequency Response	10 Hz-100 kHz/0 dB, -1 dB (1 W) 1 Hz-250 kHz/-3 dB (1 W/8 Ω)	5 Hz–100 kHz/0 dB, -3 dB (Line)
Signal-to-Noise Ratio	110 dB (RCA, IHF-A)	110 dB (Direct, IHF-A) 80 dB (Phono, MM)
Speaker Impedance	4 Ω–16 Ω 6 Ω–16 Ω (BTL)	-
Power Supply	AC 230 V~, 50 Hz	AC 230 V~, 50 Hz
Power Consumption	280 W	29 W
Dimensions (W x H x D)	435 x 187.5 x 432.5 mm	435 x 99 x 333.1 mm
Weight	23.5 kg	11.0 kg

Stereo Receivers

SPECIFICATIONS			
	TX-8150	TX-8130	TX-8020
Power Output	140 W/Ch (6 Ω, 1 kHz, 2 Channels Driven, JEITA) 135 W/Ch (8 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	115 W/Ch (6 Ω , 1 kHz, 2 Channels Driven, JEITA) 110 W/Ch (6 Ω , 1 kHz, 1%, 1 Channel Driven, IEC)	90 W/Ch (6 Ω , 1 kHz, 1%, 1 Channel Driven, IEC)
Dynamic Power	190 W/Ch (3 Ω) 170 W/Ch (4 Ω) 110 W/Ch (8 Ω)	170 W/Ch (3 Ω) 150 W/Ch (4 Ω) 90 W/Ch (8 Ω)	180 W/Ch (3 Ω) 160 W/Ch (4 Ω) 100 W/Ch (8 Ω)
THD+N (Total Harmonic Distortion + Noise)	0.08% (20 Hz-20 kHz, Half Power)	0.08% (20 Hz–20 kHz, Half Power)	0.03% (20 Hz–20 kHz, Half Power)
Input Sensitivity and Impedance Line Phono MM	200 mV/47 kΩ 3.5 mV/47 kΩ	200 mV/47 kΩ 3.5 mV/47 kΩ	200 mV/47 kΩ 2.5 mV/47 kΩ
Rated RCA Output Level and Impedance	1 V/680 Ω (Subwoofer Pre Out)	1 V/680 Ω (Subwoofer Pre Out)	200 mV/2.2 kΩ (Rec Out)
Maximum RCA Output Level and Impedance	-	-	2.0 V/2.2 kΩ (Rec Out)
Phono Overload	70 mV (MM, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%)
Frequency Response	10 Hz–100 kHz/+1 dB, -3 dB (Direct/Pure Audio Mode)	10 Hz-100 kHz/+1 dB, -3 dB (Direct Mode)	10 Hz-100 kHz (+1 dB, -3 dB)
Tone Control	±10 dB, 100 Hz (Bass) ±10 dB, 10 kHz (Treble)	±10 dB, 100 Hz (Bass) ±10 dB, 10 kHz (Treble)	±11 dB, 100 Hz (Bass) ±11 dB, 10 kHz (Treble)
Signal-to-Noise Ratio	106 dB (IHF-A, Line In, Speaker Out) 80 dB (IHF-A, Phono In, Speaker Out)	106 dB (IHF-A, Line In, Speaker Out) 80 dB (IHF-A, Phono In, Speaker Out)	100 dB (IHF-A, Line) 80 dB (IHF-A, Phono MM)
Speaker Impedance	4 Ω–16 Ω	4 Ω–16 Ω	4 Ω-16 Ω (A or B), 8 Ω-16 Ω (A + B)
Headphone Output Impedance	390 Ω	390 Ω	_
Headphone Rated Output	200 mW (32 Ω, 1 kHz, 10%)	200 mW (32 Ω, 1 kHz, 10%)	_
Tuning Frequency Range FM AM	87.5 MHz–108 MHz —	87.5 MHz–108 MHz 522 kHz–1,611 kHz	87.5 MHz–108 MHz 522 kHz–1,611 kHz
Power Supply	AC 220-230 V~, 50/60 Hz	AC 220-230 V~, 50/60 Hz	AC 230 V~, 50 Hz
Power Consumption	220 W	200 W	170 W
Standby Power Consumption	0.2 W	0.2 W	0.25 W
No-Sound Power Consumption	45 W	45 W	35 W
Network Standby Power Consumption	2.9 W	2.0 W	_
Dimensions (W x H x D)	435 x 149 x 328 mm	435 x 149 x 328 mm	435 x 150 x 328.5 mm
Weight	8.6 kg	7.9 kg	7.3 kg

CD Players

SPECIFICATIONS						
	C-7000R	C-7070	C-N7050	C-7030		
Frequency Response	2 Hz-20 kHz	2 Hz-20 kHz	10 Hz-70 kHz	4 Hz-20 kHz		
Signal-to-Noise Ratio	116 dB	116 dB	115 dB	107 dB		
Dynamic Range	100 dB	100 dB	108 dB	100 dB		
THD (Total Harmonic Distortion)	0.0015%	0.0025%	0.003%	0.0029%		
Power Supply	AC 230 V~, 50 Hz	AC 230 V~, 50 Hz	AC 220-240 V~, 50 Hz	AC 220-240 V~, 50/60 Hz		
Power Consumption	18 W	23 W	30 W	12 W		
Dimensions (W x H x D)	435 x 99 x 315.2 mm	435 x 101 x 306 mm	435 x 102 x 302 mm	435 x 101 x 306 mm		
Weight	12.0 kg	6.4 kg	4.6 kg	5.3 kg		

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This mode prevents interference on analog signals by switching off all digital circuitry, allowing you to use the AV receiver as a Hi-Fi power amplifier—great for vinyl listening.

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Use powered and pre/line outputs on select Onkyo A/V receivers to distribute audio in up to three zones. Select models also enable transmission of digital input signals to Zone 2 via the powered outputs.

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Onkyo & Pioneer Corporation

Kitahama Chuo Bldg. 2-2-22 Kitahama, Chuo-ku, Osaka 541-0041 JAPAN http://www.onkyo.com/

Pioneer & Onkyo Marketing Asia Limited

Unit 1033, 10/F., Star House, No. 3, Salisbury Road, Tsim Sha Tsui, Kowloon, Hong Kong. Tel: 852-2429-3118 Fax: 852-2428-9039 http://www.hk.onkyo.com/ http://www.cn.onkyo.com/





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